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### NECESSITY FOR FUMIGATING LIFEBOATS.

Surgeon Simpson, quarantine officer at the port of San Francisco, recently made a report of an unusual and interesting incident in connection with the fumigation of the steamship *Bali*, bound in from Java. Of the total number of approximately 100 rats destroyed as the result of fumigation, 89 were destroyed by the fumigation of the four lifeboats. The accompanying photographs will evidence to quarantine officers the importance of the careful treatment of lifeboats at the time of fumigation of vessels.

If the lifeboats are furnished with a tight covering, they can be fumigated, and this is the practice that is often resorted to, allowing an excess percentage of gas to compensate for leakage; but where fumigation is a physical impossibility, life boats can be flooded with water.

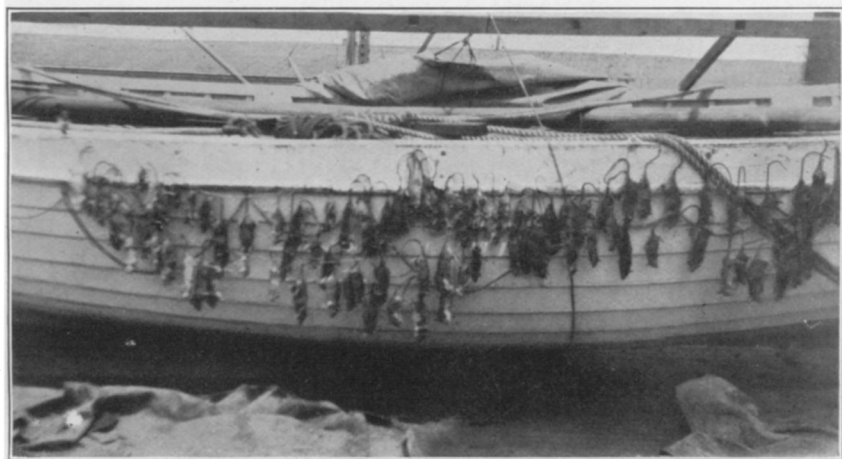
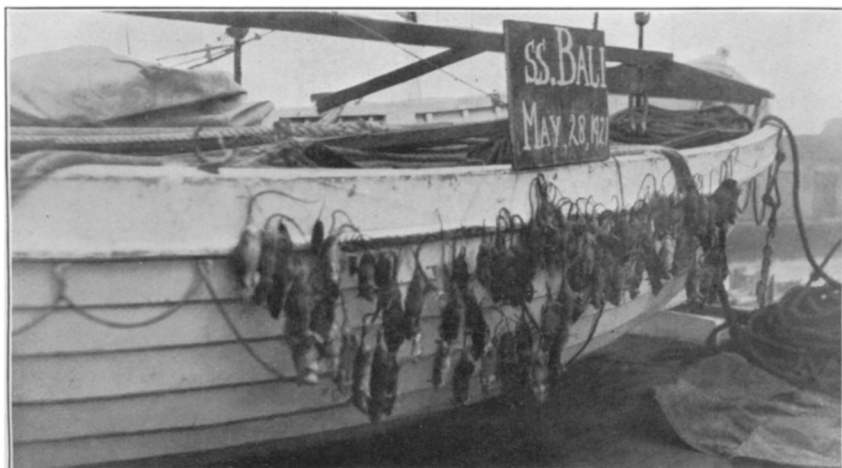
Rats are prone to frequent lifeboats of a vessel to a greater or less degree because of a water supply that can be found there when not available in other parts of the vessel.

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### DEATHS DURING WEEK ENDED JULY 2, 1921.

*Summary of information received by telegraph from industrial insurance companies for week ended July 2, 1921, and corresponding week, 1920. (From the "Weekly Health Index," July 5, 1921, issued by the Bureau of the Census, Department of Commerce.)*

	Week ended July 2, 1921.	Corresponding week, 1920.
Policies in force.....	47, 277, 513	44, 236, 202
Number of death claims.....	7, 735	7, 339
Death claims per 1,000 policies in force.....	8. 5	8. 7



Eighty-nine rats found in four lifeboats fumigated.



View inside of lifeboat. Twenty-six rats were found in this boat.

*Deaths from all causes in certain large cities of the United States during the week ended July 2, 1921, infant mortality, annual death rate, and comparison with corresponding week of preceding years. (From the "Weekly Health Index," July 5, 1921, issued by the Bureau of the Census, Department of Commerce.)*

City.	Estimated population, July 1, 1921.	Week ended July 2, 1921.		Average annual death rate per 1,000. <sup>2</sup>	Deaths under 1 year.		Infant mortality rate, week ended July 2, 1921. <sup>3</sup>
		Total deaths.	Death rate. <sup>1</sup>		Week ended July 2, 1921.	Previous year or years.	
Akron, Ohio.....	229,195	31	7.1	49.8	2	47	19
Albany, N. Y.....	115,071	29	13.1	C 12.4	4	C 3	90
Atlanta, Ga.....	207,473	57	14.3	C 15.2	9	C 7	.....
Baltimore, Md.....	752,863	200	14.5	A 15.6	31	A 29	87
Birmingham, Ala.....	186,133	54	15.1	A 21.1	9	A 10	.....
Bridgeport, Conn.....	149,967	23	8.0	A 15.1	4	A 8	50
Buffalo, N. Y.....	519,608	107	10.7	C 10.0	16	C 21	62
Cambridge, Mass.....	110,444	24	11.3	A 11.6	3	A 3	54
Camden, N. J.....	119,672	26	11.3	.....	2	.....	.....
Chicago, Ill.....	2,780,655	550	10.3	A 11.6	98	A 88	.....
Cincinnati, Ohio.....	403,418	104	13.4	C 11.2	11	C 10	73
Cleveland, Ohio.....	831,138	163	10.2	C 9.4	23	C 19	.....
Columbus, Ohio.....	245,358	52	11.1	C 11.1	5	C 5	58
Dallas, Tex.....	165,282	35	11.0	A 13.9	2	A 4	.....
Dayton, Ohio.....	158,119	38	12.5	C 11.5	2	C 3	33
Denver, Colo.....	263,152	66	13.1	A 12.1	5	.....	.....
Detroit, Mich.....	1,070,450	162	7.9	C 9.4	31	C 47	59
Fall River, Mass.....	120,668	24	10.4	C 11.7	6	C 7	90
Grand Rapids, Mich.....	141,197	19	7.0	C 12.8	3	C 10	51
Houston, Tex.....	144,340	37	13.4	.....	3	.....	.....
Indianapolis, Ind.....	325,215	68	10.9	C 11.3	8	C 7	62
Jersey City, N. J.....	302,788	59	10.2	C 8.2	11	C 6	.....
Kansas City, Kans.....	103,884	19	9.5	C 11.2	0	C 3	0
Kansas City, Mo.....	330,157	77	11.9	C 12.4	12	C 13	.....
Los Angeles, Calif.....	611,921	140	11.9	A 12.5	15	A 11	71
Lowell, Mass.....	113,757	23	10.5	A 11.9	8	A 5	129
Memphis, Tenn.....	165,389	57	18.0	C 16.9	11	C 6	.....
Minneapolis, Minn.....	392,815	75	10.0	C 11.4	5	C 13	28
Nashville, Tenn.....	122,036	38	16.2	C 15.8	11	C 3	.....
New Bedford, Mass.....	125,012	24	10.0	A 14.7	4	A 7	61
New Haven, Conn.....	167,007	23	7.2	C 8.3	4	C 3	48
New Orleans, La.....	394,657	112	14.8	A 20.1	16	A 19	.....
New York, N. Y.....	5,751,867	1,072	9.7	C 9.4	183	C 148	72
Newark, N. J.....	424,885	87	10.7	C 8.9	16	C 9	71
Norfolk, Va.....	121,200	33	14.2	.....	7	.....	124
Oakland, Calif.....	226,472	43	9.9	A 10.1	5	A 3	63
Omaha, Nebr.....	197,066	52	13.8	.....	6	.....	.....
Paterson, N. J.....	137,463	25	9.5	.....	3	.....	.....
Philadelphia, Pa.....	1,866,212	448	12.5	4 13.4	69	4 63	83
Pittsburgh, Pa.....	602,452	132	11.4	C 12.7	20	C 23	71
Portland, Oreg.....	264,859	33	6.5	C 11.6	4	C 5	40
Providence, R. I.....	239,645	66	14.4	C 13.3	6	C 7	49
Richmond, Va.....	175,686	55	16.3	C 14.2	15	C 12	183
Rochester, N. Y.....	305,229	53	9.1	C 11.0	6	C 11	47
St. Louis, Mo.....	786,164	171	11.3	C 9.6	19	C 19	.....
St. Paul, Minn.....	237,781	40	8.8	C 11.1	3	C 10	30
Salt Lake City, Utah.....	121,595	29	12.4	A 8.9	4	.....	62
Seattle, Wash.....	327,227	45	7.2	A 8.4	9	A 6	75
Spokane, Wash.....	104,442	22	11.0	C 12.0	4	C 3	87
Springfield, Mass.....	135,877	22	8.4	C 9.5	2	C 2	30
Syracuse, N. Y.....	177,265	41	12.1	C 15.9	6	C 6	72
Toledo, Ohio.....	253,696	55	11.3	A 14.0	5	A 7	50
Trenton, N. J.....	122,760	37	15.7	A 15.3	3	A 6	.....
Washington, D. C.....	454,025	101	11.6	A 14.4	14	A 16	82
Wilmington, Del.....	113,408	35	16.1	C 10.8	3	.....	.....
Worcester, Mass.....	184,972	30	8.5	C 12.4	4	C 9	43
Yonkers, N. Y.....	103,324	17	8.6	A 10.9	1	A 3	23
Youngstown, Ohio.....	139,432	24	9.0	C 6.2	6	C 2	76

<sup>1</sup> Annual rate per 1,000 population.

<sup>2</sup> "A" indicates data for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1920.

<sup>3</sup> Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1920. Cities left blank are not in the registration area for births.

<sup>4</sup> Data based on statistics of 1915, 1916, and 1917.